

Skill 19-3 Evaluation Checklist

Objective 12: Raise and lower an articulating water tower. [NFPA® 1002, 6.2.3]

Student Name: _____ **Date:** _____

Directions

For this skills evaluation checklist, students will raise and lower an articulating water tower. This skill requires two firefighters: one to operate the apparatus and one to assist as a spotter. Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all procedures.

Resources

- Appropriate PPE
- Manufacturer's operator's manual
- Articulating water tower
- Instructor-approved objective (target)

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

Fail

Evaluator Signature

Date

Student Signature

Date

Skills Evaluation Checklist

Objective 12: Raise and lower an articulating water tower. [NFPA® 1002, 6.2.3]

| Task Steps | | Yes | No |
|---|---|-----|----|
| Raising the Articulating Water Tower | | | |
| 1. | Stabilize the aerial apparatus. WARNING: Failure to properly stabilize the apparatus could result in tipping the apparatus. | | |
| 2. | Unlock the aerial device from its cradle (if so equipped). | | |
| 3. | Check the intended path of the aerial device for obstructions. | | |
| 4. | Elevate the aerial device. | | |
| 5. | Rotate the aerial device. | | |
| 6. | Extend the aerial device. | | |
| 7. | Lower the aerial device to the objective, positioning above the surface of the objective to a height indicated by the department's SOPs. | | |
| 8. | Activate all aerial device locks if so equipped. CAUTION: If the apparatus is equipped with a ladder, check personnel for proper fall protection equipment before allowing them to climb. | | |
| Stowing the Articulating Water Tower | | | |
| 9. | Remove all personnel from the aerial ladder before attempting any part of the lowering process. | | |
| 10. | Ensure the waterway system is drained. | | |
| 11. | Disengage all aerial device locks if so equipped. | | |
| 12. | Raise the aerial device away from its objective. | | |
| 13. | Retract the aerial device. | | |
| 14. | Rotate the aerial device until it is positioned directly above its travel cradle. | | |
| 15. | Lower the aerial device. | | |
| 16. | Ensure that the device is firmly seated and that the hold-down locks have engaged if so equipped or power the aerial into the cradle per manufacturer's recommendations. | | |
| 17. | Activate the hold-down locks if they did not automatically activate when the device was bedded if so equipped. | | |